Attorney Docket No. 00789-05
Patent Application Serial No. 10/517,328
Response to 9/5/06 Final Office Action

- 14. (Withdrawn) The method of claim 13, wherein R is H or OH and R_1 , R_2 and R_3 are independently selected from the group consisting of hydroxy and $-OCOCH_3$.
 - 15. (Withdrawn) The method of claims 13 or 14 wherein R is H.
 - 16. (Withdrawn) The method of claims 13, 14 or 15, wherein R₃ is -OCOCH₃.
- 17. (Withdrawn) A method of screening for Rsk inhibitory compounds, said method comprising the steps of

contacting a Rsk substrate with Rsk and a potential inhibitory compound under conditions that are permissive for kinase activity;

incubating the substrate for a predetermined length of time; and
determining if the substrate is phosphorylated, wherein a decrease in kinase activity
relative to a reaction run in the absence of said potential inhibitory compound identifies an
inhibitory compound.

- 18. (Withdrawn) The method of claim 17 wherein the step of determining if the substrate is phosphorylated, comprises quantitating the level of phosphorylation through the use of phosphospecific antibodies.
- 19. (Withdrawn) A method of preparing an extract that has Rsk specific inhibitory activity, said method comprising the steps of

contacting F. refracta tissue with an alcohol solution to produce a crude extract; and fractionating the crude extract to isolate flavonoid compounds that exhibit Rsk specific inhibitory activity.

20. (Withdrawn) The method of claim 19 wherein the tissue comprises tissue selected from the group consisting of wood stem and bark of *F. refracta* and the contacting step comprises soaking the tissue multiple times in methanol.